

Release notes for ENDF/B Development n-093_Np_237
evaluation

ENDF
B-VII.dev

April 26, 2017

- checkr Warnings:

1. A previous error halted parsing of the current section
MAT=9346, MF= 1, MT=451 (1): Parsing stopped

```
ERROR(S) FOUND IN MAT=9346, MF= 1, MT=451
SECTION CANNOT BE CHECKED FROM SEQUENCE NUMBER      330 TO      494
```

- checkr Errors:

1. A variable is outside the allowed ENDF range
MAT=9346, MF= 1, MT=451 (0): Variable range

```
ERROR(S) FOUND IN MAT=9346, MF= 1, MT=451
MOD =      1 OUT OF RANGE      0 -      0      RECORD NUMBER      330
```

2. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 1, MT=452 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=9346, MF= 1, MT=452
SECTION 1/452 NOT IN DIRECTORY      RECORD NUMBER      495
```

3. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 1, MT=455 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=9346, MF= 1, MT=455
SECTION 1/455 NOT IN DIRECTORY      RECORD NUMBER      501
```

4. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 1, MT=456 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=9346, MF= 1, MT=456
SECTION 1/456 NOT IN DIRECTORY      RECORD NUMBER      509
```

5. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 1, MT=458 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=9346, MF= 1, MT=458
SECTION 1/458 NOT IN DIRECTORY      RECORD NUMBER      515
```

6. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 2, MT=151 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=9346, MF= 2, MT=151
SECTION 2/151 NOT IN DIRECTORY      RECORD NUMBER      522
```

7. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 3, MT= 1 (0): Directory (b)

- | | |
|--|--------------------|
| ERROR(S) FOUND IN MAT=9346, MF= 3, MT= 1 | |
| SECTION 3/ 1 NOT IN DIRECTORY | RECORD NUMBER 1401 |
8. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 3, MT= 2 (0): Directory (b)
- | | |
|--|--------------------|
| ERROR(S) FOUND IN MAT=9346, MF= 3, MT= 2 | |
| SECTION 3/ 2 NOT IN DIRECTORY | RECORD NUMBER 1521 |
9. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 3, MT= 3 (0): Directory (b)
- | | |
|--|--------------------|
| ERROR(S) FOUND IN MAT=9346, MF= 3, MT= 3 | |
| SECTION 3/ 3 NOT IN DIRECTORY | RECORD NUMBER 1641 |
10. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 3, MT= 4 (0): Directory (b)
- | | |
|--|--------------------|
| ERROR(S) FOUND IN MAT=9346, MF= 3, MT= 4 | |
| SECTION 3/ 4 NOT IN DIRECTORY | RECORD NUMBER 1759 |
11. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 3, MT= 16 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=9346, MF= 3, MT= 16 | |
| SECTION 3/ 16 NOT IN DIRECTORY | RECORD NUMBER 1810 |
12. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 3, MT= 17 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=9346, MF= 3, MT= 17 | |
| SECTION 3/ 17 NOT IN DIRECTORY | RECORD NUMBER 1822 |
13. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 3, MT= 18 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=9346, MF= 3, MT= 18 | |
| SECTION 3/ 18 NOT IN DIRECTORY | RECORD NUMBER 1830 |
14. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 3, MT= 37 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=9346, MF= 3, MT= 37 | |
| SECTION 3/ 37 NOT IN DIRECTORY | RECORD NUMBER 1906 |
15. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 3, MT= 51 (0): Directory (b)

- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF= 3, MT= 51 | RECORD NUMBER | 1912 |
| SECTION 3/ 51 NOT IN DIRECTORY | | |
16. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 3, MT= 52 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF= 3, MT= 52 | RECORD NUMBER | 1963 |
| SECTION 3/ 52 NOT IN DIRECTORY | | |
17. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 3, MT= 53 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF= 3, MT= 53 | RECORD NUMBER | 1995 |
| SECTION 3/ 53 NOT IN DIRECTORY | | |
18. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 3, MT= 54 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF= 3, MT= 54 | RECORD NUMBER | 2045 |
| SECTION 3/ 54 NOT IN DIRECTORY | | |
19. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 3, MT= 55 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF= 3, MT= 55 | RECORD NUMBER | 2076 |
| SECTION 3/ 55 NOT IN DIRECTORY | | |
20. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 3, MT= 56 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF= 3, MT= 56 | RECORD NUMBER | 2106 |
| SECTION 3/ 56 NOT IN DIRECTORY | | |
21. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 3, MT= 57 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF= 3, MT= 57 | RECORD NUMBER | 2136 |
| SECTION 3/ 57 NOT IN DIRECTORY | | |
22. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 3, MT= 58 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF= 3, MT= 58 | RECORD NUMBER | 2165 |
| SECTION 3/ 58 NOT IN DIRECTORY | | |
23. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 3, MT= 59 (0): Directory (b)

- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF= 3, MT= 59 | RECORD NUMBER | 2193 |
| SECTION 3/ 59 NOT IN DIRECTORY | | |
24. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 3, MT= 60 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF= 3, MT= 60 | RECORD NUMBER | 2220 |
| SECTION 3/ 60 NOT IN DIRECTORY | | |
25. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 3, MT= 61 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF= 3, MT= 61 | RECORD NUMBER | 2246 |
| SECTION 3/ 61 NOT IN DIRECTORY | | |
26. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 3, MT= 62 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF= 3, MT= 62 | RECORD NUMBER | 2272 |
| SECTION 3/ 62 NOT IN DIRECTORY | | |
27. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 3, MT= 63 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF= 3, MT= 63 | RECORD NUMBER | 2297 |
| SECTION 3/ 63 NOT IN DIRECTORY | | |
28. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 3, MT= 64 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF= 3, MT= 64 | RECORD NUMBER | 2322 |
| SECTION 3/ 64 NOT IN DIRECTORY | | |
29. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 3, MT= 65 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF= 3, MT= 65 | RECORD NUMBER | 2346 |
| SECTION 3/ 65 NOT IN DIRECTORY | | |
30. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 3, MT= 66 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF= 3, MT= 66 | RECORD NUMBER | 2370 |
| SECTION 3/ 66 NOT IN DIRECTORY | | |
31. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 3, MT= 67 (0): Directory (b)

- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF= 3, MT= 67 | RECORD NUMBER | 2393 |
| SECTION 3/ 67 NOT IN DIRECTORY | | |
32. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 3, MT= 68 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF= 3, MT= 68 | RECORD NUMBER | 2415 |
| SECTION 3/ 68 NOT IN DIRECTORY | | |
33. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 3, MT= 69 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF= 3, MT= 69 | RECORD NUMBER | 2437 |
| SECTION 3/ 69 NOT IN DIRECTORY | | |
34. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 3, MT= 70 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF= 3, MT= 70 | RECORD NUMBER | 2459 |
| SECTION 3/ 70 NOT IN DIRECTORY | | |
35. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 3, MT= 71 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF= 3, MT= 71 | RECORD NUMBER | 2480 |
| SECTION 3/ 71 NOT IN DIRECTORY | | |
36. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 3, MT= 72 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF= 3, MT= 72 | RECORD NUMBER | 2500 |
| SECTION 3/ 72 NOT IN DIRECTORY | | |
37. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 3, MT= 73 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF= 3, MT= 73 | RECORD NUMBER | 2519 |
| SECTION 3/ 73 NOT IN DIRECTORY | | |
38. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 3, MT= 74 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF= 3, MT= 74 | RECORD NUMBER | 2538 |
| SECTION 3/ 74 NOT IN DIRECTORY | | |
39. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 3, MT= 75 (0): Directory (b)

- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF= 3, MT= 75 | RECORD NUMBER | 2556 |
| SECTION 3/ 75 NOT IN DIRECTORY | | |
40. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 3, MT= 76 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF= 3, MT= 76 | RECORD NUMBER | 2574 |
| SECTION 3/ 76 NOT IN DIRECTORY | | |
41. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 3, MT= 77 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF= 3, MT= 77 | RECORD NUMBER | 2591 |
| SECTION 3/ 77 NOT IN DIRECTORY | | |
42. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 3, MT= 78 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF= 3, MT= 78 | RECORD NUMBER | 2608 |
| SECTION 3/ 78 NOT IN DIRECTORY | | |
43. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 3, MT= 79 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF= 3, MT= 79 | RECORD NUMBER | 2624 |
| SECTION 3/ 79 NOT IN DIRECTORY | | |
44. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 3, MT= 80 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF= 3, MT= 80 | RECORD NUMBER | 2640 |
| SECTION 3/ 80 NOT IN DIRECTORY | | |
45. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 3, MT= 81 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF= 3, MT= 81 | RECORD NUMBER | 2672 |
| SECTION 3/ 81 NOT IN DIRECTORY | | |
46. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 3, MT= 91 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF= 3, MT= 91 | RECORD NUMBER | 2703 |
| SECTION 3/ 91 NOT IN DIRECTORY | | |
47. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 3, MT=102 (0): Directory (b)

- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=9346, MF= 3, MT=102 | |
| | SECTION 3/102 NOT IN DIRECTORY | RECORD NUMBER 2737 |
48. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 4, MT= 2 (0): Directory (b)
- | | | |
|--|--|--------------------|
| | ERROR(S) FOUND IN MAT=9346, MF= 4, MT= 2 | |
| | SECTION 4/ 2 NOT IN DIRECTORY | RECORD NUMBER 2809 |
49. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 4, MT= 18 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=9346, MF= 4, MT= 18 | |
| | SECTION 4/ 18 NOT IN DIRECTORY | RECORD NUMBER 2957 |
50. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 4, MT= 51 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=9346, MF= 4, MT= 51 | |
| | SECTION 4/ 51 NOT IN DIRECTORY | RECORD NUMBER 2960 |
51. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 4, MT= 52 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=9346, MF= 4, MT= 52 | |
| | SECTION 4/ 52 NOT IN DIRECTORY | RECORD NUMBER 3104 |
52. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 4, MT= 53 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=9346, MF= 4, MT= 53 | |
| | SECTION 4/ 53 NOT IN DIRECTORY | RECORD NUMBER 3179 |
53. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 4, MT= 54 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=9346, MF= 4, MT= 54 | |
| | SECTION 4/ 54 NOT IN DIRECTORY | RECORD NUMBER 3321 |
54. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 4, MT= 55 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=9346, MF= 4, MT= 55 | |
| | SECTION 4/ 55 NOT IN DIRECTORY | RECORD NUMBER 3393 |
55. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 4, MT= 56 (0): Directory (b)

- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=9346, MF= 4, MT= 56 | |
| SECTION 4/ 56 NOT IN DIRECTORY | RECORD NUMBER 3464 |
56. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 4, MT= 57 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=9346, MF= 4, MT= 57 | |
| SECTION 4/ 57 NOT IN DIRECTORY | RECORD NUMBER 3536 |
57. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 4, MT= 58 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=9346, MF= 4, MT= 58 | |
| SECTION 4/ 58 NOT IN DIRECTORY | RECORD NUMBER 3608 |
58. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 4, MT= 59 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=9346, MF= 4, MT= 59 | |
| SECTION 4/ 59 NOT IN DIRECTORY | RECORD NUMBER 3678 |
59. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 4, MT= 60 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=9346, MF= 4, MT= 60 | |
| SECTION 4/ 60 NOT IN DIRECTORY | RECORD NUMBER 3748 |
60. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 4, MT= 61 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=9346, MF= 4, MT= 61 | |
| SECTION 4/ 61 NOT IN DIRECTORY | RECORD NUMBER 3819 |
61. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 4, MT= 62 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=9346, MF= 4, MT= 62 | |
| SECTION 4/ 62 NOT IN DIRECTORY | RECORD NUMBER 3889 |
62. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 4, MT= 63 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=9346, MF= 4, MT= 63 | |
| SECTION 4/ 63 NOT IN DIRECTORY | RECORD NUMBER 3957 |
63. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 4, MT= 64 (0): Directory (b)

- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=9346, MF= 4, MT= 64 | |
| SECTION 4/ 64 NOT IN DIRECTORY | RECORD NUMBER 4025 |
64. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 4, MT= 65 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=9346, MF= 4, MT= 65 | |
| SECTION 4/ 65 NOT IN DIRECTORY | RECORD NUMBER 4093 |
65. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 4, MT= 66 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=9346, MF= 4, MT= 66 | |
| SECTION 4/ 66 NOT IN DIRECTORY | RECORD NUMBER 4161 |
66. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 4, MT= 67 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=9346, MF= 4, MT= 67 | |
| SECTION 4/ 67 NOT IN DIRECTORY | RECORD NUMBER 4229 |
67. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 4, MT= 68 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=9346, MF= 4, MT= 68 | |
| SECTION 4/ 68 NOT IN DIRECTORY | RECORD NUMBER 4297 |
68. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 4, MT= 69 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=9346, MF= 4, MT= 69 | |
| SECTION 4/ 69 NOT IN DIRECTORY | RECORD NUMBER 4365 |
69. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 4, MT= 70 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=9346, MF= 4, MT= 70 | |
| SECTION 4/ 70 NOT IN DIRECTORY | RECORD NUMBER 4433 |
70. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 4, MT= 71 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=9346, MF= 4, MT= 71 | |
| SECTION 4/ 71 NOT IN DIRECTORY | RECORD NUMBER 4499 |
71. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 4, MT= 72 (0): Directory (b)

- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF= 4, MT= 72 | RECORD NUMBER | 4565 |
| SECTION 4/ 72 NOT IN DIRECTORY | | |
72. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 4, MT= 73 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF= 4, MT= 73 | RECORD NUMBER | 4631 |
| SECTION 4/ 73 NOT IN DIRECTORY | | |
73. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 4, MT= 74 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF= 4, MT= 74 | RECORD NUMBER | 4697 |
| SECTION 4/ 74 NOT IN DIRECTORY | | |
74. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 4, MT= 75 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF= 4, MT= 75 | RECORD NUMBER | 4763 |
| SECTION 4/ 75 NOT IN DIRECTORY | | |
75. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 4, MT= 76 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF= 4, MT= 76 | RECORD NUMBER | 4829 |
| SECTION 4/ 76 NOT IN DIRECTORY | | |
76. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 4, MT= 77 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF= 4, MT= 77 | RECORD NUMBER | 4893 |
| SECTION 4/ 77 NOT IN DIRECTORY | | |
77. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 4, MT= 78 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF= 4, MT= 78 | RECORD NUMBER | 4957 |
| SECTION 4/ 78 NOT IN DIRECTORY | | |
78. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 4, MT= 79 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF= 4, MT= 79 | RECORD NUMBER | 5021 |
| SECTION 4/ 79 NOT IN DIRECTORY | | |
79. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 4, MT= 80 (0): Directory (b)

- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=9346, MF= 4, MT= 80 | |
| | SECTION 4/ 80 NOT IN DIRECTORY | RECORD NUMBER 5085 |
80. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 4, MT= 81 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=9346, MF= 4, MT= 81 | |
| | SECTION 4/ 81 NOT IN DIRECTORY | RECORD NUMBER 5206 |
81. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 5, MT= 18 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=9346, MF= 5, MT= 18 | |
| | SECTION 5/ 18 NOT IN DIRECTORY | RECORD NUMBER 5325 |
82. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 5, MT=455 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=9346, MF= 5, MT=455 | |
| | SECTION 5/455 NOT IN DIRECTORY | RECORD NUMBER 6622 |
83. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 6, MT= 16 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=9346, MF= 6, MT= 16 | |
| | SECTION 6/ 16 NOT IN DIRECTORY | RECORD NUMBER 7203 |
84. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 6, MT= 17 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=9346, MF= 6, MT= 17 | |
| | SECTION 6/ 17 NOT IN DIRECTORY | RECORD NUMBER 7658 |
85. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 6, MT= 37 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=9346, MF= 6, MT= 37 | |
| | SECTION 6/ 37 NOT IN DIRECTORY | RECORD NUMBER 7823 |
86. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 6, MT= 91 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=9346, MF= 6, MT= 91 | |
| | SECTION 6/ 91 NOT IN DIRECTORY | RECORD NUMBER 7843 |
87. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 8, MT= 16 (0): Directory (b)

- ERROR(S) FOUND IN MAT=9346, MF= 8, MT= 16
SECTION 8/ 16 NOT IN DIRECTORY RECORD NUMBER 8943
88. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF= 9, MT= 16 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF= 9, MT= 16
SECTION 9/ 16 NOT IN DIRECTORY RECORD NUMBER 8948
89. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=12, MT= 18 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF=12, MT= 18
SECTION 12/ 18 NOT IN DIRECTORY RECORD NUMBER 8971
90. Missing a gamma spectrum for continuum of gammas
MAT=9346, MF=12, MT= 18 (1): No gamma spectrum
- ERROR(S) FOUND IN MAT=9346, MF=12, MT= 18
CONTINUUM PHOTONS REQUIRE A SECTION IN MF=15
91. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=12, MT= 51 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF=12, MT= 51
SECTION 12/ 51 NOT IN DIRECTORY RECORD NUMBER 8977
92. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=12, MT= 52 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF=12, MT= 52
SECTION 12/ 52 NOT IN DIRECTORY RECORD NUMBER 8981
93. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=12, MT= 53 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF=12, MT= 53
SECTION 12/ 53 NOT IN DIRECTORY RECORD NUMBER 8985
94. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=12, MT= 54 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF=12, MT= 54
SECTION 12/ 54 NOT IN DIRECTORY RECORD NUMBER 8989
95. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=12, MT= 55 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF=12, MT= 55
SECTION 12/ 55 NOT IN DIRECTORY RECORD NUMBER 8993

96. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=12, MT= 56 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF=12, MT= 56
SECTION 12/ 56 NOT IN DIRECTORY RECORD NUMBER 8997
97. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=12, MT= 57 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF=12, MT= 57
SECTION 12/ 57 NOT IN DIRECTORY RECORD NUMBER 9001
98. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=12, MT= 58 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF=12, MT= 58
SECTION 12/ 58 NOT IN DIRECTORY RECORD NUMBER 9005
99. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=12, MT= 59 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF=12, MT= 59
SECTION 12/ 59 NOT IN DIRECTORY RECORD NUMBER 9009
100. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=12, MT= 60 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF=12, MT= 60
SECTION 12/ 60 NOT IN DIRECTORY RECORD NUMBER 9014
101. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=12, MT= 61 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF=12, MT= 61
SECTION 12/ 61 NOT IN DIRECTORY RECORD NUMBER 9018
102. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=12, MT= 62 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF=12, MT= 62
SECTION 12/ 62 NOT IN DIRECTORY RECORD NUMBER 9022
103. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=12, MT= 63 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF=12, MT= 63
SECTION 12/ 63 NOT IN DIRECTORY RECORD NUMBER 9026

104. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=12, MT= 64 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF=12, MT= 64
SECTION 12/ 64 NOT IN DIRECTORY RECORD NUMBER 9030
105. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=12, MT= 65 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF=12, MT= 65
SECTION 12/ 65 NOT IN DIRECTORY RECORD NUMBER 9035
106. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=12, MT= 66 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF=12, MT= 66
SECTION 12/ 66 NOT IN DIRECTORY RECORD NUMBER 9039
107. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=12, MT= 67 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF=12, MT= 67
SECTION 12/ 67 NOT IN DIRECTORY RECORD NUMBER 9043
108. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=12, MT= 68 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF=12, MT= 68
SECTION 12/ 68 NOT IN DIRECTORY RECORD NUMBER 9047
109. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=12, MT= 69 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF=12, MT= 69
SECTION 12/ 69 NOT IN DIRECTORY RECORD NUMBER 9052
110. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=12, MT= 70 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF=12, MT= 70
SECTION 12/ 70 NOT IN DIRECTORY RECORD NUMBER 9056
111. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=12, MT= 71 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF=12, MT= 71
SECTION 12/ 71 NOT IN DIRECTORY RECORD NUMBER 9060

112. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=12, MT= 72 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF=12, MT= 72 | | |
| SECTION 12/ 72 NOT IN DIRECTORY | RECORD NUMBER | 9065 |
113. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=12, MT= 73 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF=12, MT= 73 | | |
| SECTION 12/ 73 NOT IN DIRECTORY | RECORD NUMBER | 9070 |
114. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=12, MT= 74 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF=12, MT= 74 | | |
| SECTION 12/ 74 NOT IN DIRECTORY | RECORD NUMBER | 9074 |
115. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=12, MT= 75 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF=12, MT= 75 | | |
| SECTION 12/ 75 NOT IN DIRECTORY | RECORD NUMBER | 9078 |
116. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=12, MT= 76 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF=12, MT= 76 | | |
| SECTION 12/ 76 NOT IN DIRECTORY | RECORD NUMBER | 9082 |
117. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=12, MT= 77 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF=12, MT= 77 | | |
| SECTION 12/ 77 NOT IN DIRECTORY | RECORD NUMBER | 9086 |
118. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=12, MT= 78 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF=12, MT= 78 | | |
| SECTION 12/ 78 NOT IN DIRECTORY | RECORD NUMBER | 9091 |
119. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=12, MT= 79 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=9346, MF=12, MT= 79 | | |
| SECTION 12/ 79 NOT IN DIRECTORY | RECORD NUMBER | 9095 |

120. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=12, MT=102 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF=12, MT=102
SECTION 12/102 NOT IN DIRECTORY RECORD NUMBER 9099
121. Missing a gamma spectrum for continuum of gammas
MAT=9346, MF=12, MT=102 (1): No gamma spectrum
- ERROR(S) FOUND IN MAT=9346, MF=12, MT=102
CONTINUUM PHOTONS REQUIRE A SECTION IN MF=15
122. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=13, MT= 3 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF=13, MT= 3
SECTION 13/ 3 NOT IN DIRECTORY RECORD NUMBER 9106
123. Missing a gamma spectrum for continuum of gammas
MAT=9346, MF=13, MT= 3 (1): No gamma spectrum
- ERROR(S) FOUND IN MAT=9346, MF=13, MT= 3
CONTINUUM PHOTONS REQUIRE A SECTION IN MF=15
124. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=14, MT= 3 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF=14, MT= 3
SECTION 14/ 3 NOT IN DIRECTORY RECORD NUMBER 9116
125. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=14, MT= 18 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF=14, MT= 18
SECTION 14/ 18 NOT IN DIRECTORY RECORD NUMBER 9118
126. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=14, MT= 51 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF=14, MT= 51
SECTION 14/ 51 NOT IN DIRECTORY RECORD NUMBER 9120
127. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=14, MT= 52 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF=14, MT= 52
SECTION 14/ 52 NOT IN DIRECTORY RECORD NUMBER 9122
128. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=14, MT= 53 (0): Directory (b)

- | | | | |
|--|---|---------------|------|
| | ERROR(S) FOUND IN MAT=9346, MF=14, MT= 53 | | |
| | SECTION 14/ 53 NOT IN DIRECTORY | RECORD NUMBER | 9124 |
129. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=14, MT= 54 (0): Directory (b)
- | | | | |
|--|---|---------------|------|
| | ERROR(S) FOUND IN MAT=9346, MF=14, MT= 54 | | |
| | SECTION 14/ 54 NOT IN DIRECTORY | RECORD NUMBER | 9126 |
130. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=14, MT= 55 (0): Directory (b)
- | | | | |
|--|---|---------------|------|
| | ERROR(S) FOUND IN MAT=9346, MF=14, MT= 55 | | |
| | SECTION 14/ 55 NOT IN DIRECTORY | RECORD NUMBER | 9128 |
131. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=14, MT= 56 (0): Directory (b)
- | | | | |
|--|---|---------------|------|
| | ERROR(S) FOUND IN MAT=9346, MF=14, MT= 56 | | |
| | SECTION 14/ 56 NOT IN DIRECTORY | RECORD NUMBER | 9130 |
132. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=14, MT= 57 (0): Directory (b)
- | | | | |
|--|---|---------------|------|
| | ERROR(S) FOUND IN MAT=9346, MF=14, MT= 57 | | |
| | SECTION 14/ 57 NOT IN DIRECTORY | RECORD NUMBER | 9132 |
133. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=14, MT= 58 (0): Directory (b)
- | | | | |
|--|---|---------------|------|
| | ERROR(S) FOUND IN MAT=9346, MF=14, MT= 58 | | |
| | SECTION 14/ 58 NOT IN DIRECTORY | RECORD NUMBER | 9134 |
134. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=14, MT= 59 (0): Directory (b)
- | | | | |
|--|---|---------------|------|
| | ERROR(S) FOUND IN MAT=9346, MF=14, MT= 59 | | |
| | SECTION 14/ 59 NOT IN DIRECTORY | RECORD NUMBER | 9136 |
135. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=14, MT= 60 (0): Directory (b)
- | | | | |
|--|---|---------------|------|
| | ERROR(S) FOUND IN MAT=9346, MF=14, MT= 60 | | |
| | SECTION 14/ 60 NOT IN DIRECTORY | RECORD NUMBER | 9138 |
136. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=14, MT= 61 (0): Directory (b)

- | | | | |
|--|---|---------------|------|
| | ERROR(S) FOUND IN MAT=9346, MF=14, MT= 61 | | |
| | SECTION 14/ 61 NOT IN DIRECTORY | RECORD NUMBER | 9140 |
137. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=14, MT= 62 (0): Directory (b)
- | | | | |
|--|---|---------------|------|
| | ERROR(S) FOUND IN MAT=9346, MF=14, MT= 62 | | |
| | SECTION 14/ 62 NOT IN DIRECTORY | RECORD NUMBER | 9142 |
138. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=14, MT= 63 (0): Directory (b)
- | | | | |
|--|---|---------------|------|
| | ERROR(S) FOUND IN MAT=9346, MF=14, MT= 63 | | |
| | SECTION 14/ 63 NOT IN DIRECTORY | RECORD NUMBER | 9144 |
139. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=14, MT= 64 (0): Directory (b)
- | | | | |
|--|---|---------------|------|
| | ERROR(S) FOUND IN MAT=9346, MF=14, MT= 64 | | |
| | SECTION 14/ 64 NOT IN DIRECTORY | RECORD NUMBER | 9146 |
140. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=14, MT= 65 (0): Directory (b)
- | | | | |
|--|---|---------------|------|
| | ERROR(S) FOUND IN MAT=9346, MF=14, MT= 65 | | |
| | SECTION 14/ 65 NOT IN DIRECTORY | RECORD NUMBER | 9148 |
141. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=14, MT= 66 (0): Directory (b)
- | | | | |
|--|---|---------------|------|
| | ERROR(S) FOUND IN MAT=9346, MF=14, MT= 66 | | |
| | SECTION 14/ 66 NOT IN DIRECTORY | RECORD NUMBER | 9150 |
142. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=14, MT= 67 (0): Directory (b)
- | | | | |
|--|---|---------------|------|
| | ERROR(S) FOUND IN MAT=9346, MF=14, MT= 67 | | |
| | SECTION 14/ 67 NOT IN DIRECTORY | RECORD NUMBER | 9152 |
143. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=14, MT= 68 (0): Directory (b)
- | | | | |
|--|---|---------------|------|
| | ERROR(S) FOUND IN MAT=9346, MF=14, MT= 68 | | |
| | SECTION 14/ 68 NOT IN DIRECTORY | RECORD NUMBER | 9154 |
144. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=14, MT= 69 (0): Directory (b)

- | | | | |
|--|---|---------------|------|
| | ERROR(S) FOUND IN MAT=9346, MF=14, MT= 69 | | |
| | SECTION 14/ 69 NOT IN DIRECTORY | RECORD NUMBER | 9156 |
145. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=14, MT= 70 (0): Directory (b)
- | | | | |
|--|---|---------------|------|
| | ERROR(S) FOUND IN MAT=9346, MF=14, MT= 70 | | |
| | SECTION 14/ 70 NOT IN DIRECTORY | RECORD NUMBER | 9158 |
146. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=14, MT= 71 (0): Directory (b)
- | | | | |
|--|---|---------------|------|
| | ERROR(S) FOUND IN MAT=9346, MF=14, MT= 71 | | |
| | SECTION 14/ 71 NOT IN DIRECTORY | RECORD NUMBER | 9160 |
147. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=14, MT= 72 (0): Directory (b)
- | | | | |
|--|---|---------------|------|
| | ERROR(S) FOUND IN MAT=9346, MF=14, MT= 72 | | |
| | SECTION 14/ 72 NOT IN DIRECTORY | RECORD NUMBER | 9162 |
148. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=14, MT= 73 (0): Directory (b)
- | | | | |
|--|---|---------------|------|
| | ERROR(S) FOUND IN MAT=9346, MF=14, MT= 73 | | |
| | SECTION 14/ 73 NOT IN DIRECTORY | RECORD NUMBER | 9164 |
149. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=14, MT= 74 (0): Directory (b)
- | | | | |
|--|---|---------------|------|
| | ERROR(S) FOUND IN MAT=9346, MF=14, MT= 74 | | |
| | SECTION 14/ 74 NOT IN DIRECTORY | RECORD NUMBER | 9166 |
150. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=14, MT= 75 (0): Directory (b)
- | | | | |
|--|---|---------------|------|
| | ERROR(S) FOUND IN MAT=9346, MF=14, MT= 75 | | |
| | SECTION 14/ 75 NOT IN DIRECTORY | RECORD NUMBER | 9168 |
151. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=14, MT= 76 (0): Directory (b)
- | | | | |
|--|---|---------------|------|
| | ERROR(S) FOUND IN MAT=9346, MF=14, MT= 76 | | |
| | SECTION 14/ 76 NOT IN DIRECTORY | RECORD NUMBER | 9170 |
152. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=14, MT= 77 (0): Directory (b)

- ERROR(S) FOUND IN MAT=9346, MF=14, MT= 77
SECTION 14/ 77 NOT IN DIRECTORY RECORD NUMBER 9172
153. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=14, MT= 78 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF=14, MT= 78
SECTION 14/ 78 NOT IN DIRECTORY RECORD NUMBER 9174
154. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=14, MT= 79 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF=14, MT= 79
SECTION 14/ 79 NOT IN DIRECTORY RECORD NUMBER 9176
155. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=14, MT=102 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF=14, MT=102
SECTION 14/102 NOT IN DIRECTORY RECORD NUMBER 9178
156. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=15, MT= 3 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF=15, MT= 3
SECTION 15/ 3 NOT IN DIRECTORY RECORD NUMBER 9181
157. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=15, MT= 18 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF=15, MT= 18
SECTION 15/ 18 NOT IN DIRECTORY RECORD NUMBER 9309
158. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=15, MT=102 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF=15, MT=102
SECTION 15/102 NOT IN DIRECTORY RECORD NUMBER 9364
159. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=31, MT=456 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF=31, MT=456
SECTION 31/456 NOT IN DIRECTORY RECORD NUMBER 9420
160. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=33, MT= 1 (0): Directory (b)

- ERROR(S) FOUND IN MAT=9346, MF=33, MT= 1
SECTION 33/ 1 NOT IN DIRECTORY RECORD NUMBER 9519
161. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=33, MT= 2 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF=33, MT= 2
SECTION 33/ 2 NOT IN DIRECTORY RECORD NUMBER 9736
162. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=33, MT= 3 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF=33, MT= 3
SECTION 33/ 3 NOT IN DIRECTORY RECORD NUMBER 10375
163. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=33, MT= 4 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF=33, MT= 4
SECTION 33/ 4 NOT IN DIRECTORY RECORD NUMBER 11433
164. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=33, MT= 16 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF=33, MT= 16
SECTION 33/ 16 NOT IN DIRECTORY RECORD NUMBER 13353
165. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=33, MT= 17 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF=33, MT= 17
SECTION 33/ 17 NOT IN DIRECTORY RECORD NUMBER 14175
166. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=33, MT= 18 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF=33, MT= 18
SECTION 33/ 18 NOT IN DIRECTORY RECORD NUMBER 14613
167. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=9346, MF=33, MT=102 (0): Directory (b)
- ERROR(S) FOUND IN MAT=9346, MF=33, MT=102
SECTION 33/102 NOT IN DIRECTORY RECORD NUMBER 16090

- **psyche** Warnings:

1. Gamma width not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 237. L = 0 / AT RESONANCE ENERGY 2.65100E+02 EV. THE GAMMA WIDTH 3.45740E-01 DEVIATES TOO MUCH FROM THE AVERAGE 4.05889E-02 (0): Gamma width

```

FILE 2
SECTION 151
ISOTOPE MASS = 237. L = 0
AT RESONANCE ENERGY 2.65100E+02 EV. THE GAMMA WIDTH 3.45740E-01 DEVIATES TOO MUCH FROM THE AV

```

- **psyche Errors:**

1. A probability distribution is negative. This is bad.
FILE 4 / SECTION 81 / DISTRIBUTION IS NEGATIVE / FROM -9.9988E-01 TO -1.0000E+00 NEGATIVE PROBABILITY IS 5.9605E-08 (0): Neg. prob.

```

FILE 4
SECTION 81
DISTRIBUTION IS NEGATIVE
FROM -9.9988E-01 TO -1.0000E+00 NEGATIVE PROBABILITY IS 5.9605E-08

```

- **fudge-4.0 Warnings:**

1. Missing a channel with a particular angular momenta combination
resonances / resolved / MultiLevel_BreitWigner (Error # 0): missingResonanceChannel

WARNING: Missing a channel with angular momenta combination L = 0, J = 1.0 and S = 1.0 for "capture"

2. Potential scattering hasn't converted, you need more L's!
resonances / resolved (Error # 1): potentialScatteringNotConverged

WARNING: Potential scattering hasn't converged by L=0 at E=500.0 eV, xs[0]/xs[0]=100.0% > 0.1%

3. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 1 (total): / Form 'eval': (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

4. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 2 (n + Np237): / Form 'eval': / Component 0 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

5. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 2 (n + Np237): / Form 'eval': / Component 1 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

6. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 4 (nonelastic): / Form 'eval': / Component 0 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

7. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 4 (nonelastic): / Form 'eval': / Component 1 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

8. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 7 ((z,n)): / Form 'eval': (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

9. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 13 ($n[multiplicity:'2'] + Np236$): / Form 'eval': (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

10. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 20 ($n[multiplicity:'3'] + Np235$): / Form 'eval': (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

11. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 28 ($n[multiplicity:'energyDependent', emissionMode:'prompt'] + n[emissionMode:'6 delayed'] + gamma [total fission]$): / Form 'eval': / Component 0 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

12. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 28 ($n[multiplicity:'energyDependent', emissionMode:'prompt'] + n[emissionMode:'6 delayed'] + gamma [total fission]$): / Form 'eval': / Component 1 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

13. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 32 ($Np238 + gamma$): / Form 'eval': / Component 0 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

14. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.
Section 32 ($Np238 + gamma$): / Form 'eval': / Component 1 (Error # 0): Condition num.

WARNING: Ratio of smallest/largest eigenvalue (0.000000e+00) is too small

- fudge-4.0 Errors:

1. Found a negative probability
reaction label 31: $n + Np237_e31$ / Product: n / Distribution: / angularTwoBody - XYs2d: (Error # 0): Negative prob.

WARNING: Negative probabilities encountered. Incident energy: 1.6e7 eV, worst case: -0.0008535

2. Calculated and tabulated Q values disagree.
reaction label 33: n[multiplicity:'2'] + Np236 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -6592249.352203369 eV vs -6.58e6 eV!

3. Calculated and tabulated Q values disagree.
reaction label 35: n[multiplicity:'4'] + Np234 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -19312051.58285522 eV vs -1.92978e7 eV!

4. Calculated and tabulated thresholds don't agree
*production label 1: /reactionSuite/productions/production[@label='1'] / Cross section:
(Error # 0): Threshold mismatch*

WARNING: Calculated and tabulated thresholds disagree: 6793785.788628486 eV vs 6.608e6 eV!

• njoy2012 Warnings:

1. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (0): HEATR/hinit (4)

---message from hinit---mf6, mt 16 does not give recoil za= 93236
one-particle recoil approx. used.

2. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (1): HEATR/hinit (4)

---message from hinit---mf6, mt 17 does not give recoil za= 93235
one-particle recoil approx. used.

3. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (2): HEATR/hinit (4)

---message from hinit---mf6, mt 37 does not give recoil za= 93234
one-particle recoil approx. used.

4. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (3): HEATR/hinit (4)

---message from hinit---mf6, mt 91 does not give recoil za= 93237
one-particle recoil approx. used.

5. There is a problem with the fission energy release.
heatr...prompt kerma (4): HEATR/nheat (3)

---message from nheat---changed q from 1.963700E+08 to 1.836800E+08
for mt 18

• njoy2012 Errors:

1. An angular distribution is negative
acer...monte carlo neutron and photon data (0): Neg. P(Ejμ) (b)

---message from ptleg2---negative probs found
1 for mt= 81 e= 1.600E+07